



2001 Toxics Release Inventory

MISSISSIPPI

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	69,195,147
Air Emissions	37,063,726
Surface Water Discharges	12,964,677
Underground Injection Class I Wells	11,046,901
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	176,756
Other On-site Land Releases	7,943,087
Off-site Releases (Transfers Off-site to Disposal)*	1,891,154
Total On- and Off-site Releases	71,086,301
Recycled On-site	161,638,689
Recycled Off-site	26,687,871
Energy Recovery On-site	55,310,964
Energy Recovery Off-site	4,406,110
Treated On-site	95,243,267
Treated Off-site**	4,003,560
Quantity Released On- and Off-site***	71,475,274
Total Production-related Waste Managed	418,765,736
Non-production-related Waste Managed	286,446
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	26,335,512
Energy Recovery	4,415,345
Treatment	1,175,797
Publicly Owned Treatment Works (POTWs)	2,871,487
Metals and Metal Category Compounds*	6,382
Non-metal TRI Chemicals**	2,865,105
Other Off-site Transfers****	4,355
Transfers Off-site to Disposal (not including metals to POTWs)	1,942,202
Total Transfers Off-site for Further Waste Management, including Disposal	36,744,698

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

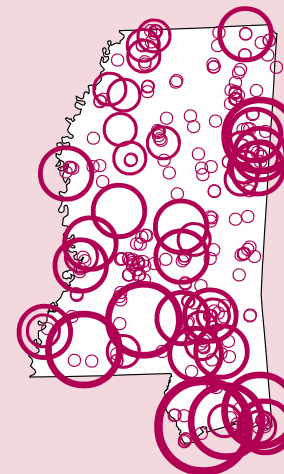
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To obtain TRI data use
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Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Mississippi. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	2,859,733
Square Miles	46,914
Total Facilities	356
Total Forms	1,373
Form As	205

	Total
National Rank for Total On- and Off-site Releases*	
Rank	24
Pounds	71,086,301
National Rank for Total On-site Releases**	
Rank	23
Pounds	69,195,147
National Rank for Total Releases within State***	
Rank	23
Pounds	70,573,422
National Rank for Production-related Waste Managed	
Rank	20
Pounds	418,765,736

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Manganese compounds	61,504	227,901	8,900,000	3,794,965	115,026	13,099,396	657	87,310	27,716
—	Nitrate compounds	57,302	12,090,108	0	250	0	12,147,660	4	0	0
67-56-1	Methanol	6,728,506	68,245	1,339	2,405	7,524	6,808,019	0	524	7,000
7647-01-0	Hydrochloric acid	5,950,970	0	0	0	0	5,950,970	0	0	0
7664-41-7	Ammonia	4,452,540	394,837	0	46,552	255	4,894,184	148	0	255

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	11,210.38	1,076.33	188,000.00	124,258.31	59,451.21	383,996.24	9,048.10	47,211.69	12,239.53
7439-92-1	Lead	728.00	147.20	0.00	12,117.36	5,583.32	18,575.89	1,830.00	4,314.81	1,268.51
—	Mercury compounds	632.80	135.26	1,052.90	5,365.20	218.04	7,404.20	116.28	217.99	0.05
—	Polycyclic aromatic compounds	2,471.74	132.40	0.00	275.61	2,506.30	5,386.05	13,000.32	2,506.00	0.30
118-74-1	Hexachlorobenzene	1.10	0.00	0.00	2,984.50	0.00	2,985.60	0.00	0.00	0.00
40487-42-1	Pendimethalin	1,050.00	0.00	0.00	0.00	0.00	1,050.00	0.00	0.00	0.00
608-93-5	Pentachlorobenzene	0.30	0.00	0.00	900.30	0.00	900.60	0.00	0.00	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	163.70	0.00	163.70	0.00	0.00	0.00
29082-74-4	Octachlorostyrene	0.00	0.00	0.00	123.60	0.00	123.60	0.00	0.00	0.00
191-24-2	Benzo(g,h,i)perylene	9.92	7.80	0.00	2.60	58.00	78.32	0.00	58.00	0.00
—	Dioxin and dioxin-like compounds	0.03	0.52	0.00	40.73	0.01	41.30	0.00	0.00	0.01
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>13.556</i>	<i>234.897</i>	<i>0.000</i>	<i>18,473.442</i>	<i>6.153</i>	<i>18,728.048</i>	<i>0.000</i>	<i>0.089</i>	<i>6.064</i>
7439-97-6	Mercury	0.00	0.00	0.00	34.24	1.32	35.56	13.30	1.32	0.00
1582-09-8	Trifluralin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

*** No reports were submitted for these chemicals.

** The chemical ranking is based on the amounts in this column.



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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Du Pont Delisle Plant, Pass Christian, Harrison	2,126,894	866	11,035,253	0	0	700,344	13,863,356	32	0
Vicksburg Chemical Co., Vicksburg, Warren	153,138	5,599,007	0	0	0	0	5,752,145	0	0
Mississippi Power Co. Plant Watson, Gulfport, Harrison	3,240,228	11,845	0	0	0	732,033	3,984,106	0	0
Kerr-McGee Chemical L.L.C. Pigment Plant, Hamilton, Monroe	224,530	43,900	0	0	0	3,024,501	3,292,931	0	0
Georgia-Pacific Corp., Monticello, Lawrence	2,478,757	121,655	0	0	0	100,424	2,700,835	0	0
Mississippi Power Co. Plant Daniel, Escatawpa, Jackson	1,808,012	0	0	0	0	866,039	2,674,050	0	0
Misschem Nitrogen L.L.C., Yazoo City, Yazoo	803,791	1,013,158	0	0	0	0	1,816,949	0	0
Leaf River Forest Prods., New Augusta, Perry	1,562,247	100,635	0	0	0	716	1,663,598	0	0
Central Inds. Inc., Forest, Scott	31,287	1,625,487	0	0	0	0	1,656,774	0	0
International Paper - Natchez Mill, Natchez, Adams	876,588	272,340	0	0	0	493,386	1,642,314	304	27,129

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Du Pont Delisle Plant, Pass Christian, Harrison	59.10	62.50	189,052.90	0.00	0.00	46,720.93	235,895.43	2.20	0.00
Mississippi Power Co. Plant Watson, Gulfport, Harrison	850.40	44.80	0.00	0.00	0.00	34,262.90	35,158.10	0.00	0.00
Holcim (US) Inc. Artesia Plant, Artesia, Lowndes	60.00	0.00	0.00	0.00	0.00	20,007.00	20,067.00	0.00	0.00
Mississippi Power Co. Plant Daniel, Escatawpa, Jackson	880.60	0.00	0.00	0.00	0.00	12,296.50	13,177.10	0.00	0.00
Greenwood Utlities, Greenwood, Leflore	549.62	0.00	0.00	0.00	0.00	7,629.28	8,178.90	0.00	0.00
Kerr-McGee Chemical L.L.C. Pigment Plant, Hamilton, Monroe	0.18	200.00	0.00	0.00	0.00	6,500.58	6,700.76	0.00	0.00
Georgia-Pacific Corp., Monticello, Lawrence	494.68	263.00	0.00	0.00	0.00	3,979.80	4,737.48	0.00	0.00
Tractebel Power Inc. - Red Hills Power Plant, Ackerman, Choctaw	0.00	0.00	0.00	0.00	4,312.00	0.00	4,312.00	0.00	0.00
Kerr-McGee Chemical L.L.C. Hamilton Electrolytic Plant, Hamilton, Monroe	0.00	0.00	0.00	0.00	0.00	4,060.00	4,060.00	0.00	0.00
International Paper - Natchez Mill, Natchez, Adams	388.30	19.80	0.00	0.00	0.00	2,935.60	3,343.71	3.00	290.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Du Pont Delisle Plant, Pass Christian, Harrison	0	0	0	0	10,620,000	18,400	13,863,389	24,501,789	0
Vicksburg Chemical Co., Vicksburg, Warren	652,260	0	0	0	4,295,323	0	5,752,155	10,699,738	0
Mississippi Power Co. Plant Watson, Gulfport, Harrison	0	0	0	0	0	0	3,984,106	3,984,106	0
Kerr-McGee Chemical L.L.C. Pigment Plant, Hamilton, Monroe	0	0	0	0	8,411,300	1,500	3,350,066	11,762,866	0
Georgia-Pacific Corp., Monticello, Lawrence	0	0	9,708,429	0	6,999,109	0	2,700,835	19,408,373	0
Mississippi Power Co. Plant Daniel, Escatawpa, Jackson	0	0	0	0	0	0	2,674,050	2,674,050	0
Misschem Nitrogen L.L.C., Yazoo City, Yazoo	12,143,403	0	0	0	0	0	1,816,692	13,960,095	0
International Paper - Natchez Mill, Natchez, Adams	0	0	26,203	0	6,755,400	0	1,667,044	8,448,647	65,000
Leaf River Forest Prods., New Augusta, Perry	0	0	0	0	19,223,400	0	1,658,704	20,882,104	0
Central Inds. Inc., Forest, Scott	0	0	0	0	2,354,710	0	1,656,774	4,011,484	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Du Pont Delisle Plant, Pass Christian, Harrison	0.00	0.00	0.00	0.00	0.00	0.00	235,898.00	235,898.00	0.00
Mississippi Power Co. Plant Watson, Gulfport, Harrison	0.00	0.00	0.00	0.00	0.00	0.00	35,158.00	35,158.00	0.00
Birmingham Southeast L.L.C. Jackson Ms. Steel Div., Flowood, Rankin	30,523.00	175,165.00	0.00	0.00	0.00	0.00	22,828.00	228,517.00	0.00
Holcim (US) Inc. Artesia Plant, Artesia, Lowndes	0.00	0.00	0.00	0.00	0.00	0.00	20,066.00	20,066.00	0.00
U.S. Army Camp Shelby Training Site Range Complex, Camp Shelby, Forrest	0.00	0.00	0.00	0.00	0.00	0.00	14,920.00	14,920.00	14,920.00
Mississippi Power Co. Plant Daniel, Escatawpa, Jackson	0.00	0.00	0.00	0.00	0.00	0.00	13,177.00	13,177.00	0.00
Trilogy Communications Inc., Flowood, Rankin	0.00	0.00	0.00	0.00	0.00	0.00	8,850.00	8,850.00	0.00
Greenwood Utilities, Greenwood, Leflore	0.00	0.00	0.00	0.00	0.00	0.00	8,179.00	8,179.00	0.00
Kerr-McGee Chemical L.L.C. Pigment Plant, Hamilton, Monroe	0.00	0.00	0.00	0.00	0.00	0.00	6,801.00	6,801.00	0.00
Southwire Co. Starkville Plant, Starkville, Oktibbeha	0.00	0.00	0.00	0.00	0.00	0.00	6,148.00	6,148.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.